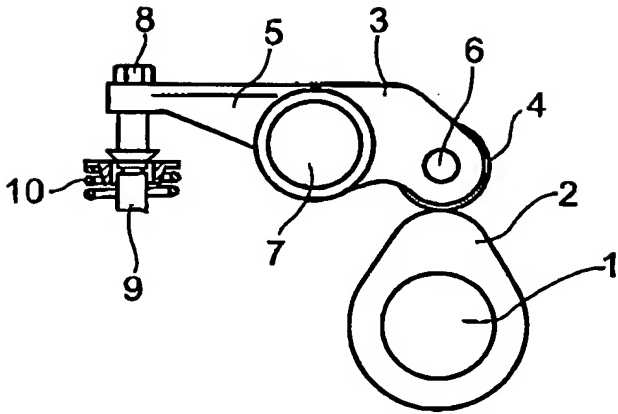


FIG. 1



F I G. 2

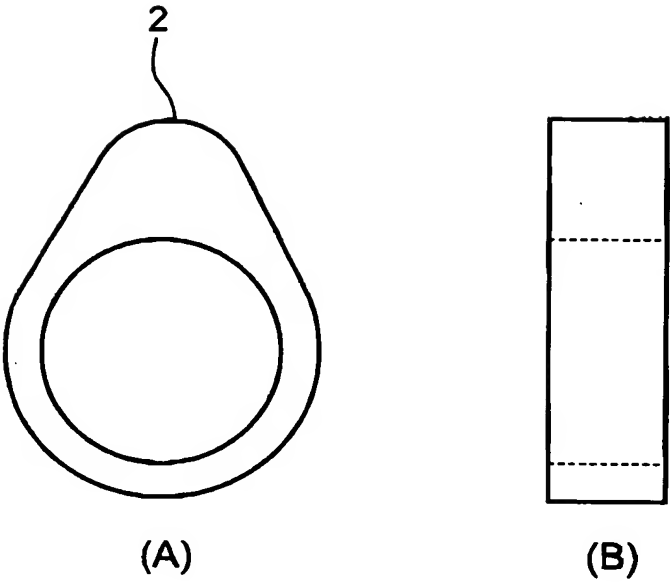


FIG. 3

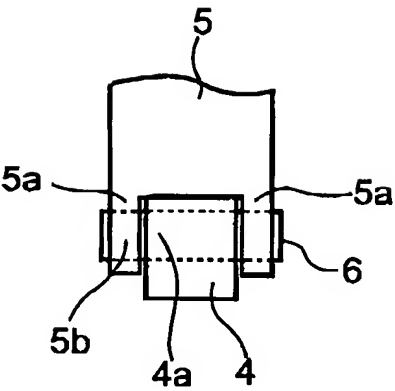


FIG. 4

Friction Characteristic according to Combination of Outer Circumferential
Surface Roughness of Cam Lobe and Roller
(Rotation Speed: 1,500 rpm)

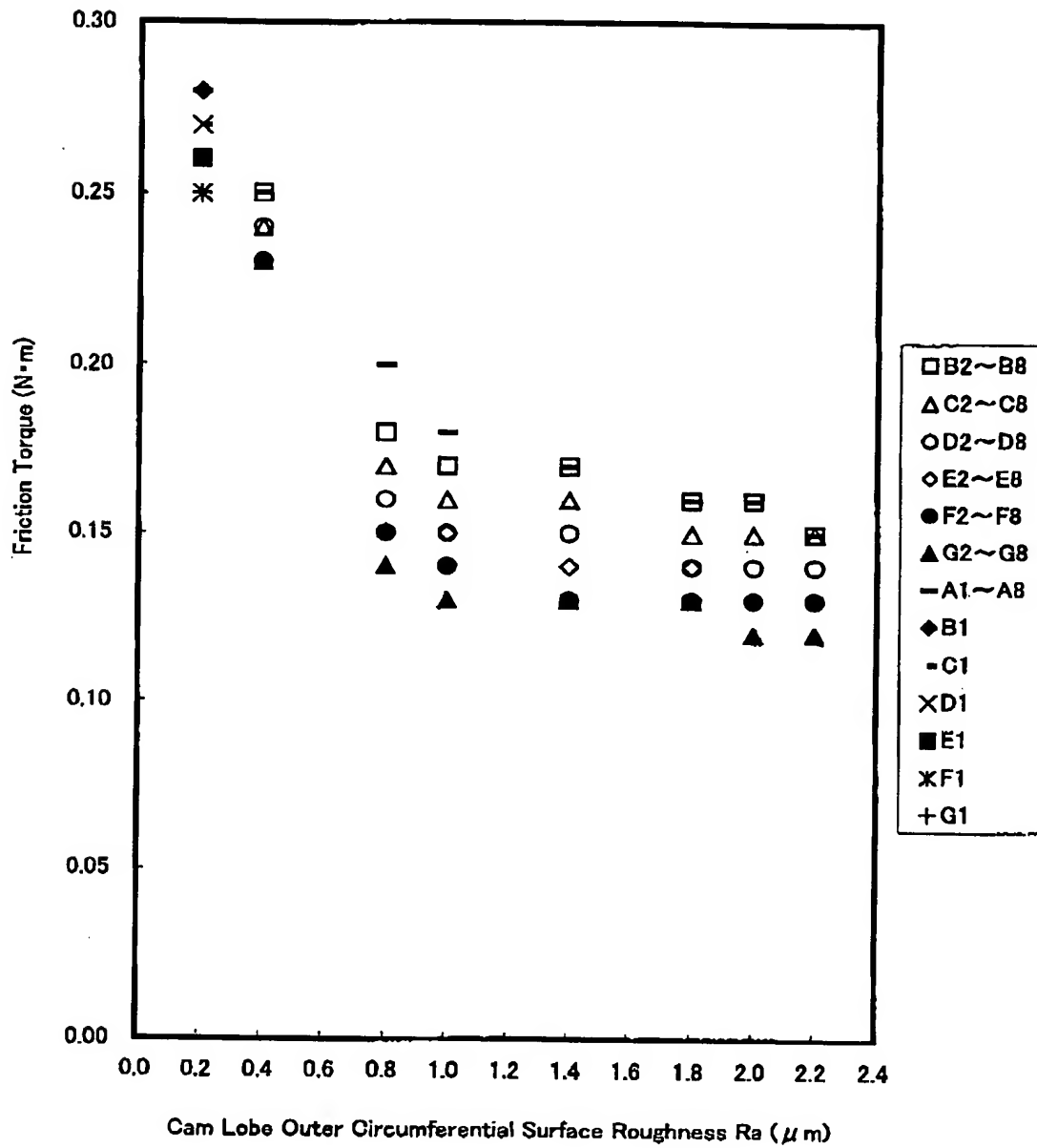


FIG. 5

Friction Characteristic according to Combination of Outer Circumferential
Surface Roughness of Cam Lobe and Roller
(Rotation Speed: 2,000 rpm)

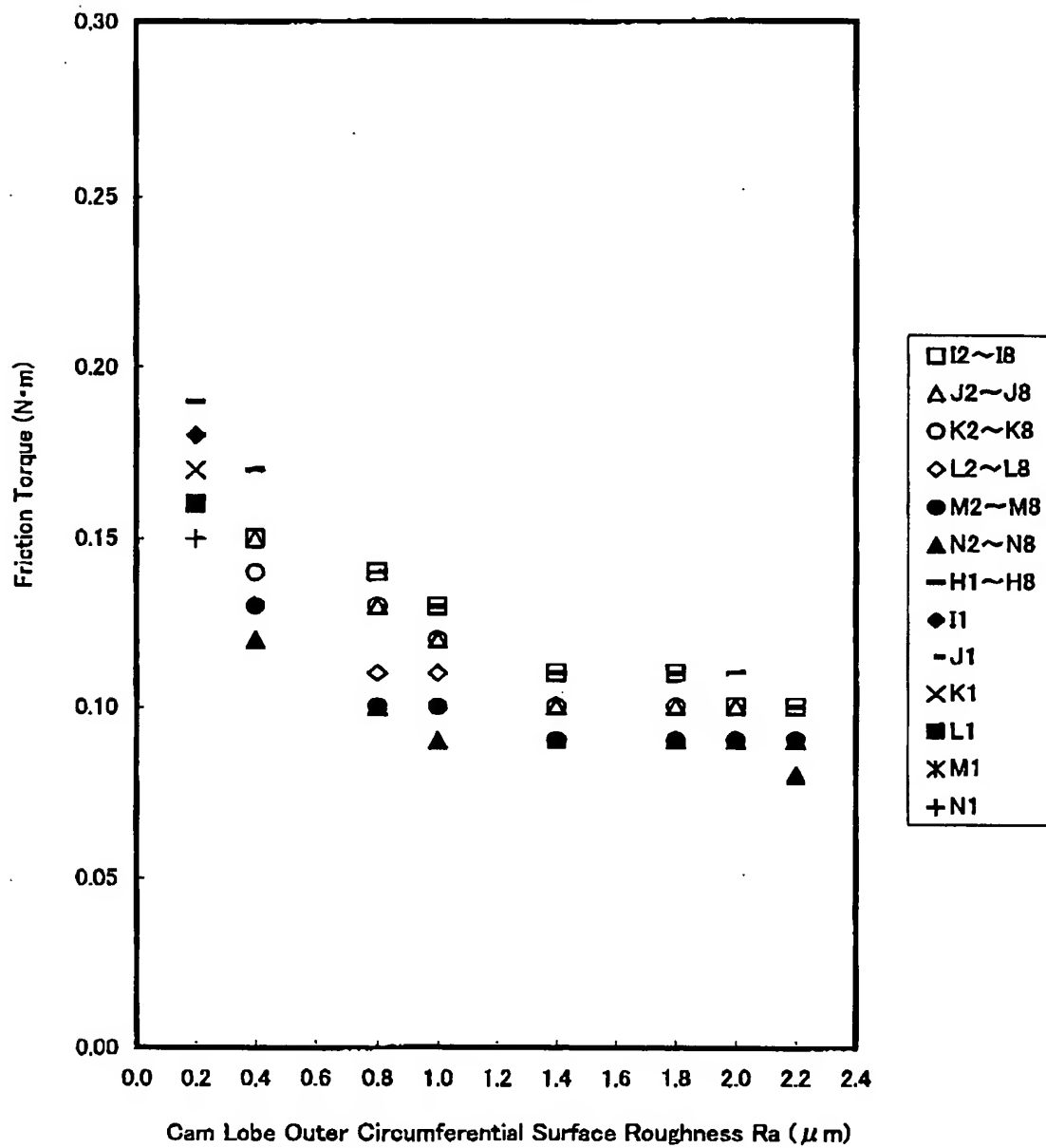


FIG. 6

Friction Characteristic according to Combination of Outer Circumferential
Surface Roughness of Cam Lobe and Roller
(Rotation Speed: 2,500 rpm)

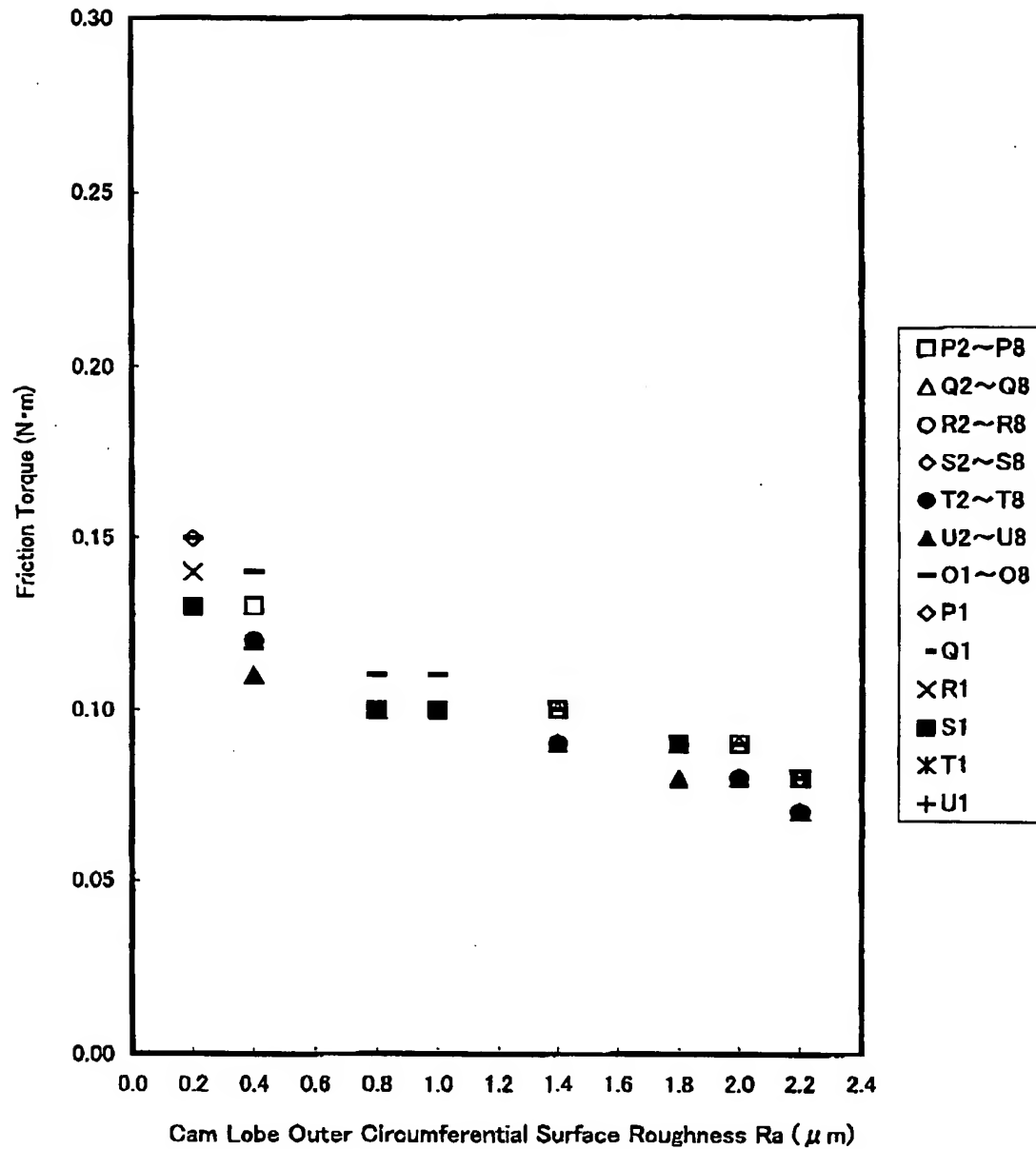


FIG. 7

Pitching Characteristic according to Combination of Outer
Circumferential Surface Roughness of Cam Lobe and Roller
(Contact Load: 3,000 N)

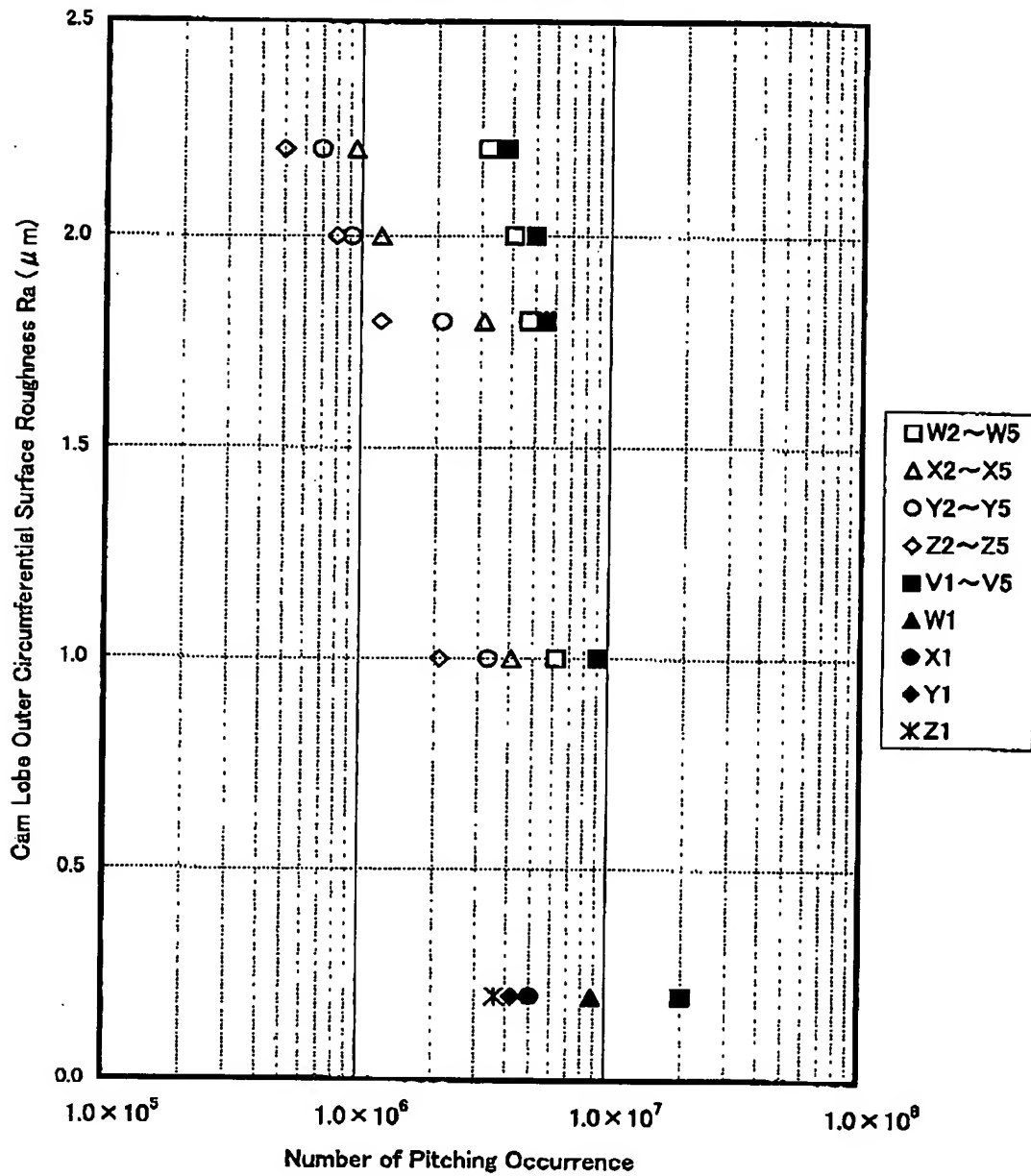


FIG. 8

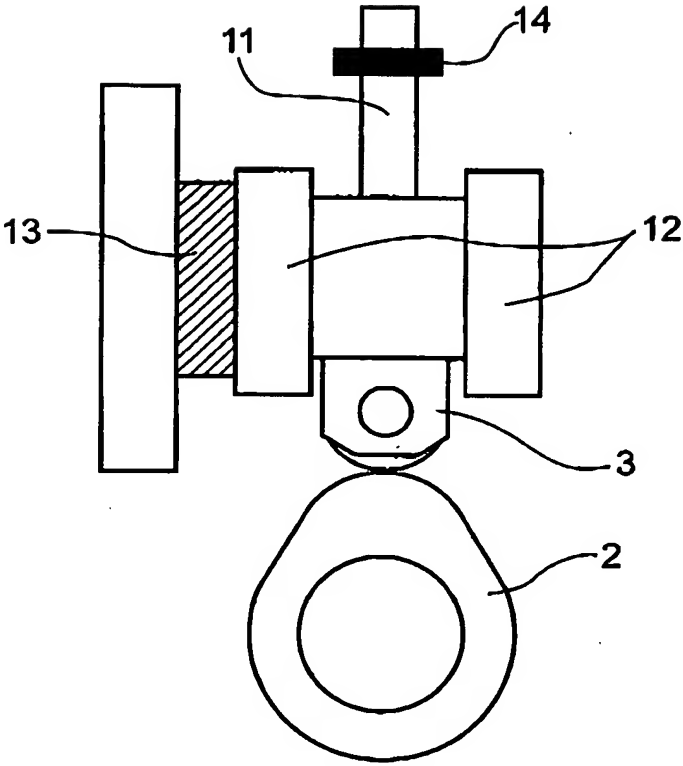


FIG. 9

